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# BULLETIN

OF THE

## TORREY BOTANICAL CLUB.

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**Vol. II.]    New-York, January, 1871.    [No. 1.**

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1. The Bulletin.—The present number commences the second year of our publication. The interest shown in it augurs well for the future. Thanks to its friends, (some warm ones outside of the club,) it will not fall very far short of paying expenses. When there is a permanent fund of from three to five thousand dollars established for it, as we count there will be some day, it will be ensured a permanency, and the size may be doubled at half the cost to subscribers. Meanwhile, it will be continued at the present rates. The subscription for 1871 is now due.

2. Proceedings of the American Academy of Arts and Sciences for June, 1870. Dr. Gray's Botanical Contributions contain much to interest those who study the flora of the region embraced in his Manual.

The first paper is a "Reconstruction of the Order Diapensiaceæ;" in which he groups together, *Pyxidantha*, Michx.; *Diapensia*, L.; *Shortia*, Torr. & Gray; and *Galax*, L.

The second is a "Revision of the North American Polemoniaceæ." The name *Phlox ovata*, L., is resumed instead of *P. Carolina*, L.; and var. *nitida*, Benth., (*P. nitida*, Pursh) is transferred to *P. glaberrima*, L. *P. procumbens*, of the Manual, becomes *P. amoena*, Sims. *P. Stellaria*, Gray, is a new species "found only by the late Dr. Short, May 1st, 1829, on the cliffs of Kentucky River."

The third paper is a collection of "Miscellanea." Dr. Gray concludes that the American forms heretofore ranked by him under *Lycopus Europæus*, L., are distinct; hence the var. becomes the species *L. sessilifolius*, Gray; the var. *integrifolius*, L. *rubellus*, Mœnch; the var., *L. sinuatus*, Ell. *L. Europæus*, L., has been gathered near Norfolk, Va., and Philadelphia.

*Viola renifolia*, Gray, a new species, found by Mr. Paine in Oneida Co., and by others in other northern localities, grows "in company with *V. blanda*, which it closely resembles as to the flower, but the leaves are more like those of *V. palustris*; yet they are more strictly uniform, and are conspicuously beset with pale, soft and tender, lax hairs."

*Desmodium Illinoisense*, Gray, between *D. rigidum*, and *D. canescens*; and *Polygonum Hartwrightii*, Gray, "sedgy bogs, New York, from Herkimer to Yates Co., and Michigan," liable to be mistaken for *P. amphibium*, or *P. Careyn*; are new species.

We presume that students of the Manual will soon be supplied with the requisite particulars about these interesting changes and discoveries.